



# MATH

# 1

## FOR FAMILIES

**YOU ARE** your child's first teacher. Learn how to support the goals of Oklahoma's academic standards and why they are important for your child. Please be in regular communication with your child's teachers and ask how you can support math learning at home. When schools and families work together as partners, it helps your child achieve academic excellence!

## FIRST GRADE

### What to expect:

In first grade, children become more independent. Their counting skills will improve, and they will begin to learn addition and subtraction.

As first-graders use math tools, ask questions and develop problem-solving strategies, they gain a deeper understanding of mathematical ideas by working in a classroom group, smaller groups and independently.

This information is a snapshot of learning in first-grade mathematics. For a complete set of mathematics academic standards, click [here](#) or visit [sde.ok.gov/oklahoma-academic-standards](http://sde.ok.gov/oklahoma-academic-standards).

### By the end of the school year, your child will:

- Count forward from any number up to 100 by 1's, 2's, 5's and 10's.
- Solve addition and subtraction problems up to 10.
- Identify coins and their values.
- Create and complete repeating and growing patterns.
- Identify trapezoids and hexagons.
- Tell time to the hour and half-hour.

### What to do at home:

- Ask your child what time it is.
- Hand your child a few coins of the same value and ask for the combined amount.
- Create math problems together about things happening at home. For example: "We started dinner with 6 pieces of bread but have eaten 3. How many are left?"
- Identify patterns found in the real world. For example, "The clock chimes once at one o'clock and twice at two o'clock, so what will happen at three o'clock?"
- Separate objects into equal groups. For example: Cut a pizza into slices so every family member has the same number of slices.



# MATH

## FOR FAMILIES

### Fostering Curiosity

Children are naturally curious and motivated to learn about things that interest them. Since curiosity contributes to success in the classroom, it is important to encourage it at home. Play is a wonderful way to nurture curiosity in young children, so be sure to allow plenty of playtime. Encourage your child to ask questions, discover answers and explore his or her world.

Cultivate your child's curiosity with guiding questions like these:

- What are you interested in knowing more about?
- What else does that make you think of?
- Where do you think we can learn more about these things?

Your child will have plenty of questions. It's okay if you don't have the answer every time. The best response is always, "Let's find out together."

### Fostering Communication

Increase vocabulary, thinking skills and curiosity by using new words and having conversations that include questions that make your child think. Communicating with others gives children a chance to see and understand that there can be more than one idea on a given subject. Accepting these different ideas helps children learn how to get along with others. This acceptance fosters positive relationships with peers and strong self-image.

Cultivate your child's communication skills with questions like these:

- Who did you play with today? What did you play?
- What was your hardest rule to follow today? Why was it hard?
- What was your favorite part of the day and why?
- Can you tell me an example of kindness you saw or showed today?

### Fostering Comprehension

First-graders who are on their way to becoming independent readers need time to read alone and with others. Families should take time to talk about books, magazines and other types of print with young readers. Use the following questions to help your child better understand what he or she is reading.

#### BEFORE READING

- What do you think this book is about?
- What do you think will happen?
- Why did you pick this book?

#### DURING READING

- What has happened so far?
- What do you think will happen next?
- Where and when does the story take place?

#### AFTER READING

- What happened in the beginning, middle and end?
- What did you learn from the book?
- Does it remind you of any other books you have read?

Join the conversation!

#oklaed